

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 8 | ((("6021235") or ("5877879") or ("5224183") or ("5602666")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:52 |
| L2 | 0 | L1 and awg | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:46 |
| L3 | 0 | 1 and circulator\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:46 |
| L4 | 327 | 398/87.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:46 |
| L5 | 51 | L4 and (awg) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:47 |
| L6 | 19 | L4 and (dielectric adj2 film\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:47 |
| L7 | 3 | L6 and 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:47 |
| S1 | 2 | "20020079435".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:18 |
| S2 | 34 | 398/160.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:18 |
| S3 | 2 | ("5408348").URPN. | USPAT | OR | OFF | 2004/12/03 12:22 |
| S4 | 356 | 398/158-161.ccls. | USPAT | OR | OFF | 2004/12/03 12:32 |
| S6 | 25256 | amplif\$7 same attenuat\$4 | USPAT | OR | OFF | 2004/12/03 12:32 |
| S7 | 8292 | 398/1-214.ccls. | USPAT | OR | OFF | 2004/12/03 12:33 |
| S8 | 8362 | (S6 same (switch\$4 or select\$4)) | USPAT | OR | OFF | 2004/12/03 12:32 |
| S9 | 462 | 398/158-161.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 13:22 |

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| S10 | 428 | S9 not S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:38 |
| S11 | 44286 | amplif\$7 same attenuat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:58 |
| S12 | 13219 | (S11 same (switch\$4 or select\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:32 |
| S13 | 11063 | 398/1-214.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:33 |
| S14 | 440 | S12 and S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:33 |
| S15 | 5009 | amplif\$7 with attenuat\$4 with (switch\$4 or select\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:22 |
| S16 | 190 | S15 and S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:45 |
| S17 | 2 | ep-639876-\$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:46 |
| S18 | 13732 | amplifier same attenuator | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:58 |
| S19 | 5227 | (amplifier same attenuator).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:22 |
| S20 | 43 | S19 and S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 12:58 |
| S21 | 1517 | (amplif\$7 with attenuat\$4 with (switch\$4 or select\$4)).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:28 |

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| S22 | 147 | optic\$4.ab. and S21 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:29 |
| S23 | 145 | S22 not S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:29 |
| S24 | 51194 | automatic\$4 with level with (control\$4 or adjust\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:40 |
| S25 | 11 | S24 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:40 |
| S26 | 12 | S24 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:41 |
| S27 | 178 | 398/81.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:42 |
| S28 | 35 | 398/149.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:42 |
| S29 | 70 | 398/148.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 13:42 |
| S30 | 6 | ("4604745" "4727601" "5162936" "5212713" "5260819" "5274496").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/03 14:10 |
| S31 | 19 | ("5005937" "5500756" "5594581" "5838476" "6049413" "6094296" "6101025" "6108123" "6175435" "6219177" "6271945" "6392769" "6421149" "6424445" "6466348" "6473210" "6522434" "6535309" "6643055").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/03 14:15 |

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| S32 | 2 | "6421149".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/03 14:16 |
| S33 | 1 | 2000-430865.NRAN. | DERWENT | OR | OFF | 2004/12/03 14:16 |
| S34 | 8 | ("5341234" "5400162" "5504610" "5510921" "5542010" "5937117" "5953142" "6026204").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/03 14:19 |
| S35 | 16 | ("4378490" "4398806" "4776660" "5031188" "5144637" "5148233" "5477376" "5673342" "5712864" "6061171" "6149278" "6205280" "6289148" "6289155" "6339663" "6535330").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/03 14:34 |
| S41 | 20 | (US-20020061165-\$ or US-20020079435-\$).did. or (US-5296957-\$ or US-5408348-\$ or US-5594581-\$ or US-5815294-\$ or US-5959766-\$ or US-5966237-\$ or US-5986800-\$ or US-6021235-\$ or US-6288836-\$ or US-6320687-\$ or US-6421149-\$ or US-6433902-\$ or US-6449073-\$ or US-6600594-\$ or US-6681082-\$ or US-6728490-\$ or US-6804464-\$).did. or (WO-200028670-\$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/03/08 16:58 |
| S42 | 0 | jp-11275020.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/08 16:58 |
| S43 | 0 | jp-110275020.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/08 16:59 |
| S44 | 0 | jp-275020.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/08 16:59 |
| S45 | 2 | jp-11275020-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/08 17:00 |

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|-----|-------|--|---|----|-----|------------------|
| S46 | 2 | jp-2000236298-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/08 17:00 |
| S47 | 1 | 2000-591024.NRAN. | DERWENT | OR | OFF | 2005/03/08 17:00 |
| S48 | 474 | 398/158-161.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 13:23 |
| S49 | 487 | 398/147-150.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 13:23 |
| S50 | 196 | 398/81.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 13:23 |
| S51 | 970 | S48 S49 S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 14:19 |
| S52 | 68 | 398/94.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 14:24 |
| S53 | 11781 | 398/1-214.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 14:25 |
| S54 | 5270 | S53 and ((wavelength adj2 multiplex\$4) or dwdm or wdm) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 14:25 |
| S55 | 113 | S54 and (automatic\$4 adj2 level) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/11 17:40 |

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| S56 | 62 | dispersi\$2 and S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:31 |
| S57 | 8 | ("5296957" "5726788" "6038063" "6069731" "6229641" "6260073" "6266169" "6275329").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/10 15:18 |
| S58 | 5 | ("5392154" "5452116" "5675432" "5815613" "5889610").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/10 15:20 |
| S59 | 2 | ("5664131" "5673142").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/10 15:47 |
| S60 | 14 | ("6038063").URPN. | USPAT | OR | OFF | 2005/03/10 16:16 |
| S61 | 83 | 398/85.ccls. | USPAT | OR | OFF | 2005/03/10 16:16 |
| S62 | 133 | 398/85.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:16 |
| S63 | 2222 | dispersi\$2 and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:19 |
| S64 | 683 | (add\$4 with drop\$4) and S63 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:21 |
| S66 | 11306 | (dispersi\$2 with compensat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:31 |
| S67 | 418 | S64 and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:31 |

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| S68 | 30 | (US-20020061165-\$ or US-20020079435-\$).did. or (US-5296957-\$ or US-5408348-\$ or US-5594581-\$ or US-5815294-\$ or US-5959766-\$ or US-5966237-\$ or US-5986800-\$ or US-6021235-\$ or US-6288836-\$ or US-6320687-\$ or US-6421149-\$ or US-6433902-\$ or US-6449073-\$ or US-6600594-\$ or US-6681082-\$ or US-6728490-\$ or US-6804464-\$ or US-5995274-\$ or US-6055092-\$ or US-6151158-\$ or US-6069731-\$ or US-6038063-\$ or US-6480329-\$ or US-6198556-\$).did. or (JP-11275020-\$ or JP-2000236298-\$).did. or (JP-11275020-\$ or WO-200028670-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/03/10 16:33 |
| S69 | 3 | S68 and circulator\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:33 |
| S70 | 8 | ((("6198556") or ("6038063") or ("5966237") or ("6069731"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/11 17:33 |
| S71 | 30 | (US-20020061165-\$ or US-20020079435-\$).did. or (US-5296957-\$ or US-5408348-\$ or US-5594581-\$ or US-5815294-\$ or US-5959766-\$ or US-5966237-\$ or US-5986800-\$ or US-5995274-\$ or US-6021235-\$ or US-6038063-\$ or US-6055092-\$ or US-6069731-\$ or US-6151158-\$ or US-6198556-\$ or US-6288836-\$ or US-6320687-\$ or US-6421149-\$ or US-6433902-\$ or US-6449073-\$ or US-6480329-\$ or US-6600594-\$ or US-6681082-\$ or US-6728490-\$ or US-6804464-\$).did. or (JP-11275020-\$ or JP-2000236298-\$).did. or (JP-11275020-\$ or WO-200028670-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/03/11 17:34 |
| S72 | 7 | S71 and (smf or (single adj mode)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/11 17:42 |

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| S73 | 11306 | (dispersi\$2 with compensat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/11 17:40 |
| S74 | 120 | S73 and (automatic\$4 adj2 level) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/12 10:44 |
| S75 | 51 | S74 and (smf or (single adj mode)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/11 17:42 |
| S76 | 196 | 398/81.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/12 10:02 |
| S77 | 6 | ("5557439" "6021235" "6091538" "6271948" "6292603" "6404948").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/12 10:41 |
| S78 | 41 | (US-20020061165-\$ or US-20020079435-\$).did. or (US-5296957-\$ or US-5408348-\$ or US-5594581-\$ or US-5815294-\$ or US-5959766-\$ or US-5966237-\$ or US-5986800-\$ or US-5995274-\$ or US-6021235-\$ or US-6038063-\$ or US-6055092-\$ or US-6069731-\$ or US-6151158-\$ or US-6198556-\$ or US-6288836-\$ or US-6320687-\$ or US-6421149-\$ or US-6433902-\$ or US-6449073-\$ or US-6480329-\$ or US-6600594-\$ or US-6681082-\$ or US-6728490-\$ or US-6804464-\$ or US-6417964-\$ or US-6621625-\$).did. or (US-6201635-\$ or US-6738584-\$ or US-6411429-\$ or US-5224183-\$ or US-5602666-\$ or US-5877879-\$ or US-5886804-\$ or US-5956440-\$ or US-6351323-\$).did. or (JP-11275020-\$ or JP-2000236298-\$).did. or (JP-11275020-\$ or WO-200028670-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/03/12 10:44 |
| S79 | 13 | S78 and (automatic\$4 adj2 level) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/03/12 10:44 |

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| S80 | 327 | 398/87.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/13 19:45 |
| S81 | 93 | S80 and circulator\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/13 20:10 |
| S82 | 5 | ("4799797" "4900119" "5050952" "5469288" "5629995").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/13 20:09 |
| S83 | 149 | 398/83-85.ccls. and circulator\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/13 20:11 |
| S84 | 104 | S83 and amplifier\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/13 20:11 |
| S85 | 53 | S84 and dispersion | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/13 20:15 |
| S86 | 51 | S84 not S85 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/13 20:52 |
| S87 | 19 | S80 and (dielectric adj2 film\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:46 |
| S88 | 8 | ((("6021235") or ("5877879") or ("5224183") or ("5602666"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/14 07:41 |